

## CLAIMS

We claim:

1. A lighted bow sight assembly for positioning on a bow adjacent to a handle of the bow, said assembly comprising:
  - a loop member defining a sight window, said loop member including a first side wall, a second side wall, a top wall, and a bottom wall, said first side wall having an inner surface facing said second side wall and an outer surface facing away from said inner surface;
  - a mounting assembly being adapted for removably attaching the loop member to the bow;
  - a plurality of elongated containers, each of said containers being attached to and extending away from said inner surface of said first side wall and toward said second side wall, each of said containers defining a sight pin, each of said containers comprising a substantially transparent material;
  - a light source being mounted in said loop member;
  - a plurality of fiber optic cables being in connection with said light source such that each of said fiber optic cables is illuminated when said light source is turned on.
2. The assembly according to claim 1, wherein said first side wall includes a front side and a back side, said mounting assembly attaching said loop member to the bow such that said front side is adjacent to and generally aligned with a forward side of the bow.
3. The assembly according to claim 1, wherein said mounting assembly includes:

a first ridge being attached to and extending along a length of said front side of said first side wall;

an elongated member having a first end, a second end and a peripheral wall extending between said first and second ends, said peripheral wall having a first channel therein positioned adjacent to said first end of said elongated member, wherein said first channel may selectively receive said first ridge and may be selectively positioned along a length of said first ridge;

a second ridge being attached to and extending between said first and second ends of said peripheral wall of said elongated member, said second ridge being positioned opposite of said first channel;

a bracket adapted for being removably coupled to a lateral side wall of the bow such that said bracket has a free end extending forward of the bow, said free end having a second channel positioned therein, wherein said second channel may selectively receive said second ridge and may be selectively positioned along a length of said second ridge.

4. The assembly according to claim 3, further including a fastener being selectively extendable into said first channel for releasably locking said first ridge in said first channel.

5. The assembly according to claim 4, a coupler being selectively extendable into said bracket for releasably locking said second ridge in said second channel.

6. The assembly according to claim 3, a coupler being selectively extendable into said bracket for releasably locking said second ridge in said second channel.

7. The assembly according to claim 1, further including an actuator being operationally coupled to said light source for selectively turning said light source on or off, said actuator being selectively mounted to the bow adjacent to said mounting assembly.

8. The assembly according to claim 3, further including an actuator being operationally coupled to said light source for selectively turning said light source on or off, said actuator being selectively mounted to the bow adjacent to said mounting assembly.

9. A lighted bow sight assembly for positioning on a bow adjacent to a handle of the bow, said assembly comprising:

- a loop member defining a sight window, said loop member including a first side wall, a second side wall, a top wall, and a bottom wall, said first side wall having an inner surface facing said second side wall and an outer surface facing away from said inner surface, said first side wall including a front side and a back side, said second side wall being arcuate and being bowed outwardly away from said first side wall;

- a mounting assembly being adapted for removably attaching the loop member to the bow such that said front side of said first side wall is adjacent to and aligned with a forward side of the bow, said mounting assembly including;

- a first ridge being attached to and extending along a length of said front side of said first side wall;

an elongated member having a first end, a second end and a peripheral wall extending between said first and second ends, said peripheral wall having a first channel therein positioned adjacent to said first end of said elongated member, wherein said first channel may selectively receive said first ridge and may be selectively positioned along a length of said first ridge;

a fastener being selectively extendable into said first channel for releasably locking said first ridge in said first channel;

a second ridge being attached to and extending between said first and second ends of said peripheral wall of said elongated member, said second ridge being positioned opposite of said first channel;

a bracket adapted for being removably coupled to a lateral side wall of the bow such that said bracket has a free end extending forward of the bow, said free end having a second channel positioned therein, wherein said second channel may selectively receive said second ridge and may be selectively positioned along a length of said second ridge;

a coupler being selectively extendable into said bracket for releasably locking said second ridge in said second channel;

a plurality of elongated containers, each of said containers being attached to and extending away from said inner surface of said first side wall and toward said second side wall, each of said containers defining a sight pin, each of said containers comprising a substantially transparent material;

a light source being mounted in said loop member;